REFERENCE MARKS IN THE DRAWINGS

[0049] **1** Manipulator
[0050] **11** Connecting port
[0051] **12** Base
[0052] **13** Rotary part
[0053] **14** Lower arm
[0054] **15** Upper arm
[0055] **16** First wrist arm
[0056] **17** Second wrist arm
[0057] **18** Wrist flange
[0058] **19** Coil spring
[0059] **20** Protection member
[0060] **21**, **25** Hollow part
[0061] **23** Intermediate part
[0062] **24**, **48** Fixing member
[0063] **31** Laser machining head
[0064] **32**, **33** Servomotor
[0065] **43** Conversion fitting
[0066] **45** Battery card
[0067] **51** Robot controller
[0068] **52**, **54** Cable
[0069] **55**, **56** Cooling hose
[0070] J**1**-J**6** Rotating axis
[0071] **100** Laser machining robot

**1**. A laser machining robot comprising:
a manipulator;
a robot controller for controlling operation of the manipulator; and
a laser machining head mounted to the manipulator and scanning a laser beam,
wherein the laser machining head includes a servomotor for driving an inclined parallel plate for scanning the laser beam, and
drive of the servomotor is controlled by the robot controller.

**2**. The laser machining robot of claim **1**, further comprising:
a motor control line connecting the servomotor to the robot controller for controlling the servomotor; and
a first cable connecting the manipulator to the robot controller for operating the manipulator,
wherein the motor control line and the first cable are grouped into one.

**3**. The laser machining robot of claim **2**, wherein a part of the motor control line goes through inside the manipulator.

**4**. The laser machining robot of claim **2**, wherein each of the servomotor and the motor control line is one of a plurality of servomotors and motor control lines, and the number of the servomotors is identical to the number of the motor control lines.

**5**. The laser machining robot of claim **2**, further comprising a second cable connecting the manipulator to the robot controller for controlling operation of the manipulator,
wherein one of the first cable and the second cable is a power supply line for supplying electric power to the manipulator, and
an other of the first cable and the second cable is a signal line for controlling operation of the manipulator.

**6**. The laser machining robot of claim **1**, wherein the laser machining head is mounted to the manipulator so that the servomotor is disposed on a side of the manipulator.

**7**. The laser machining robot of claim **1**, further comprising:
a cooling water hose connected to the laser machining head, and supplying and discharging cooling water; and
an air hose connected to the laser machining head and supplying a shield gas,
wherein the manipulator is of a vertical multi-articulated type having six rotating axes,
the manipulator includes a cable guide disposed along a fourth rotating axis and a sixth rotating axis from an installation surface of the manipulator, and
the motor control line, the cooling water hose, and the air hose are disposed in the cable guide.

**8**. The laser machining robot of claim **7**, wherein the cable guide is a coil spring.

**9**. The laser machining robot of claim **1**, further comprising a cooling water hose connected to the laser machining head for supplying cooling water,
wherein a diameter of the cooling water hose on a side of the laser machining head is smaller than a diameter of the cooling water hose on an opposite side of the laser machining head.

**10**. The laser machining robot of claim **9**, wherein the cooling water hose includes a first cooling water hose, and a second cooling water hose connected to the first cooling water hose at one end and connected to the laser machining head at an other end, and
a diameter of the second cooling water hose is smaller than a diameter of the first cooling water hose.

**11**. The laser machining robot of claim **1**, wherein the manipulator is operated by a servomotor of a type identical to that of the servomotor but having a different output capacity.

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